

FIG. 1

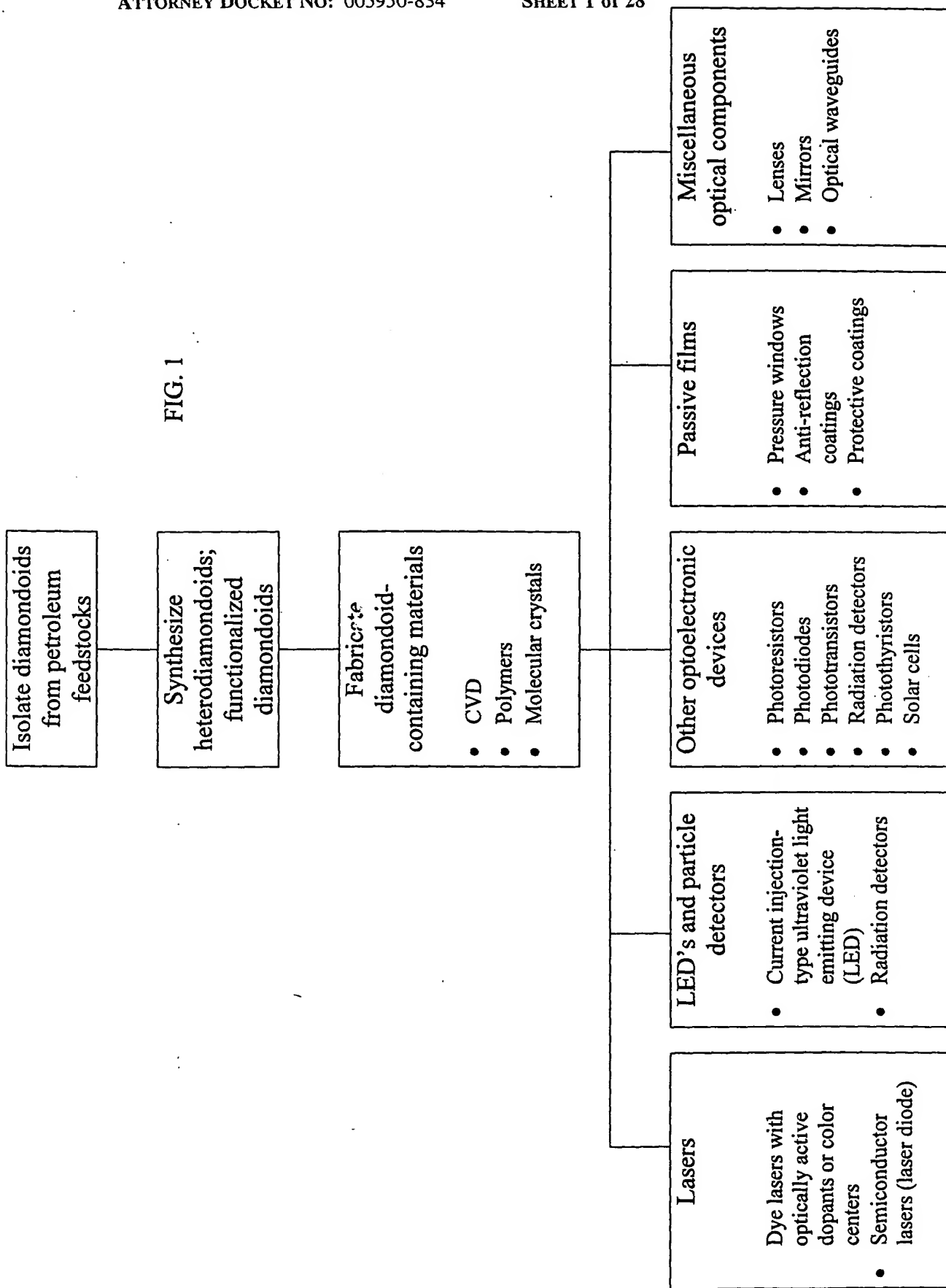


FIG. 2

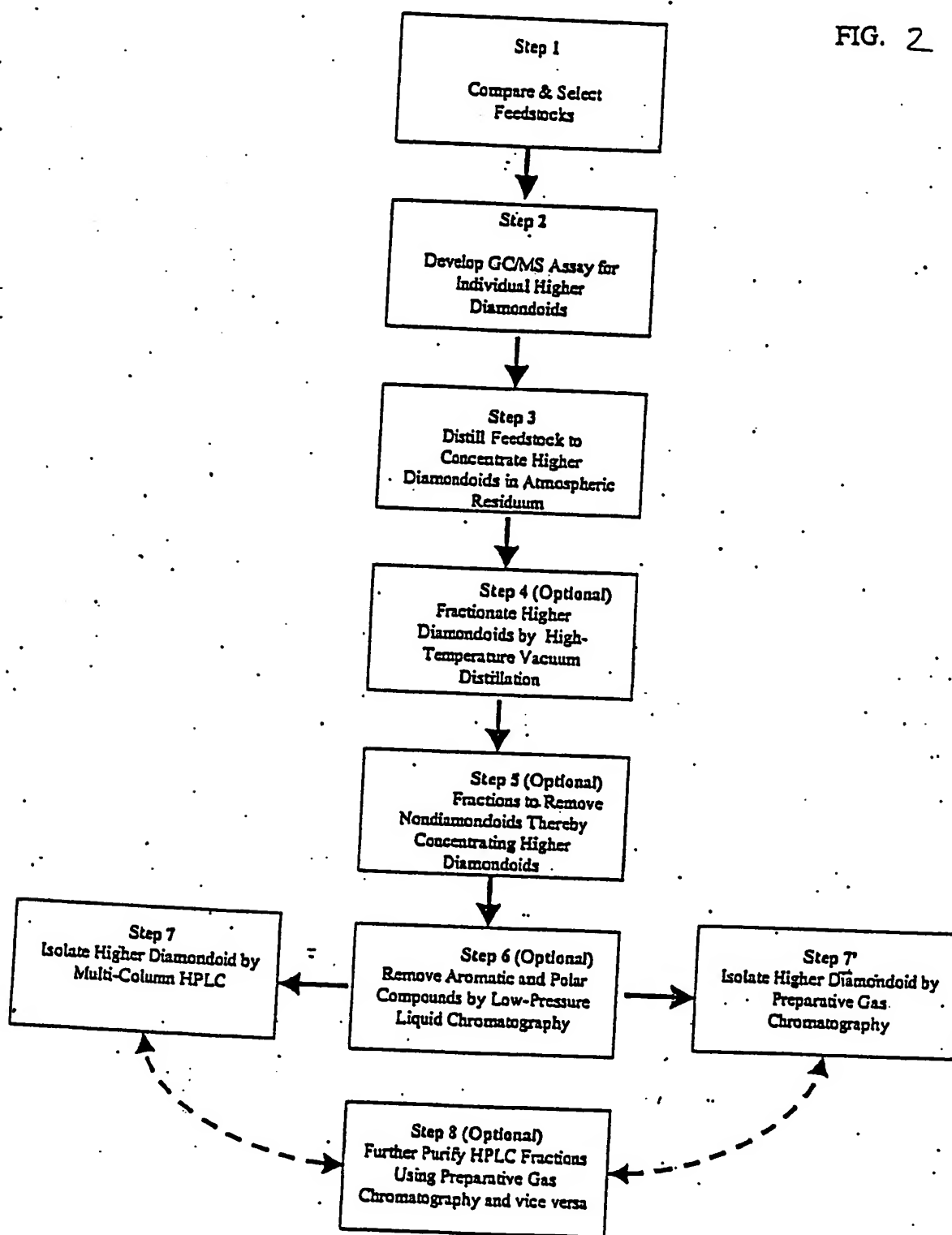


FIG. 3

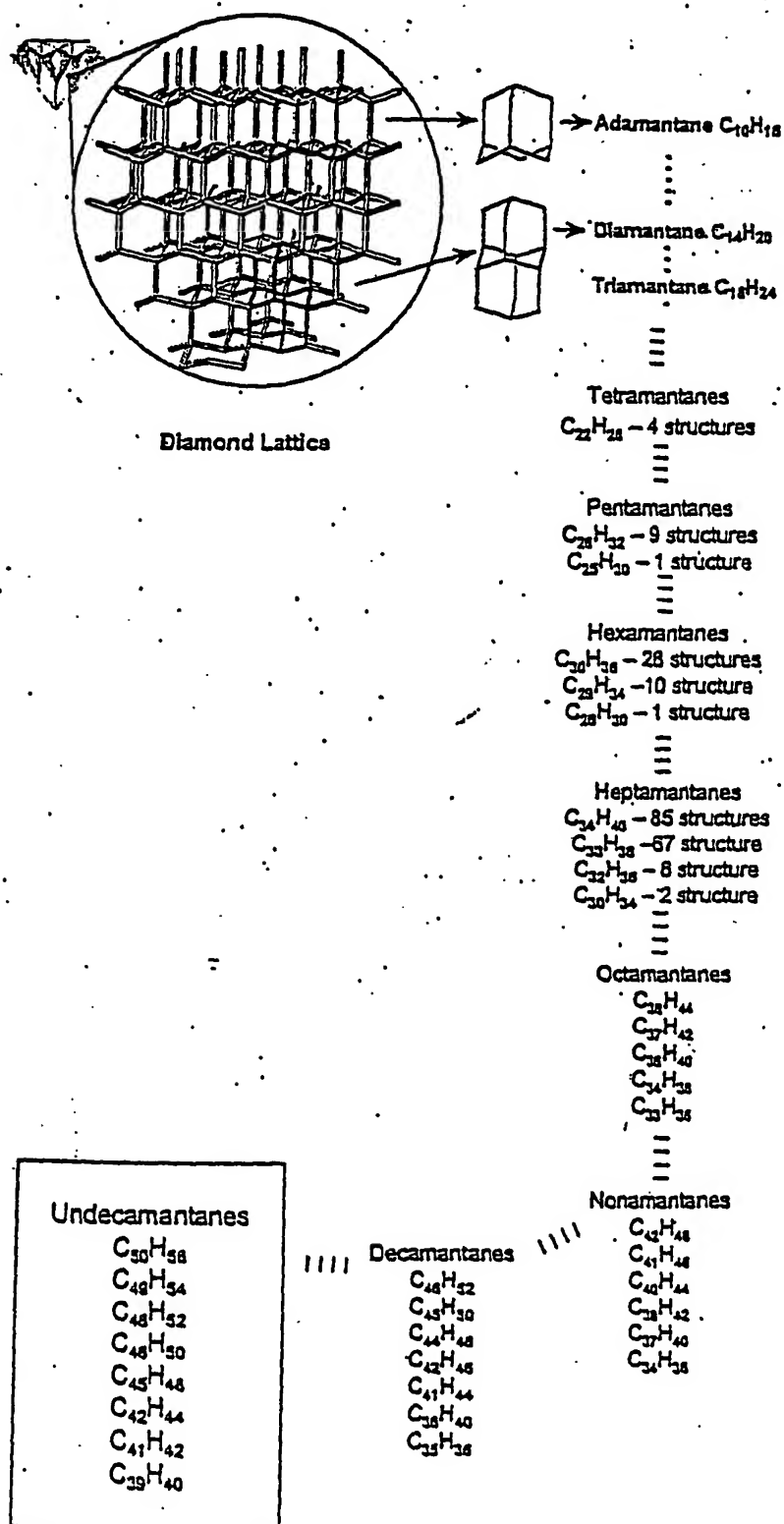


FIG. 4

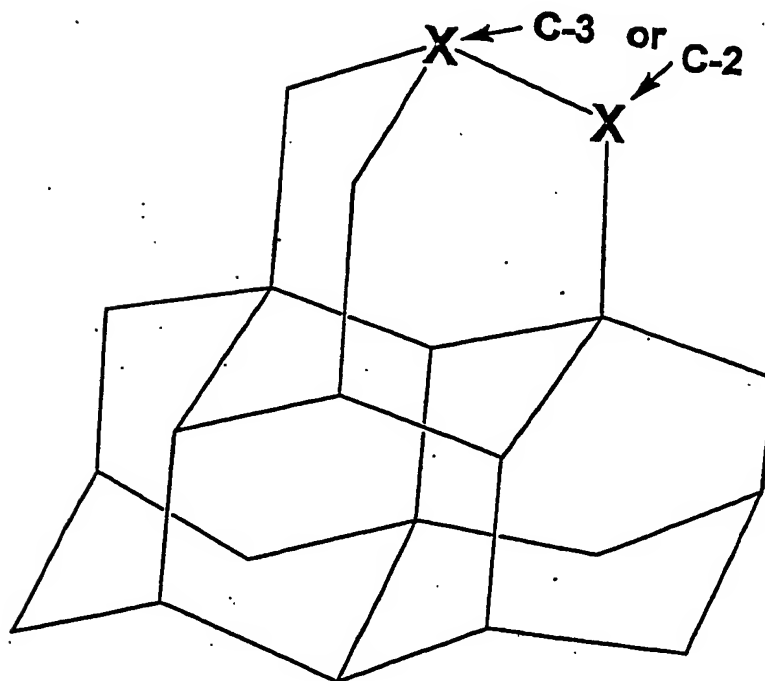


FIG. 5A

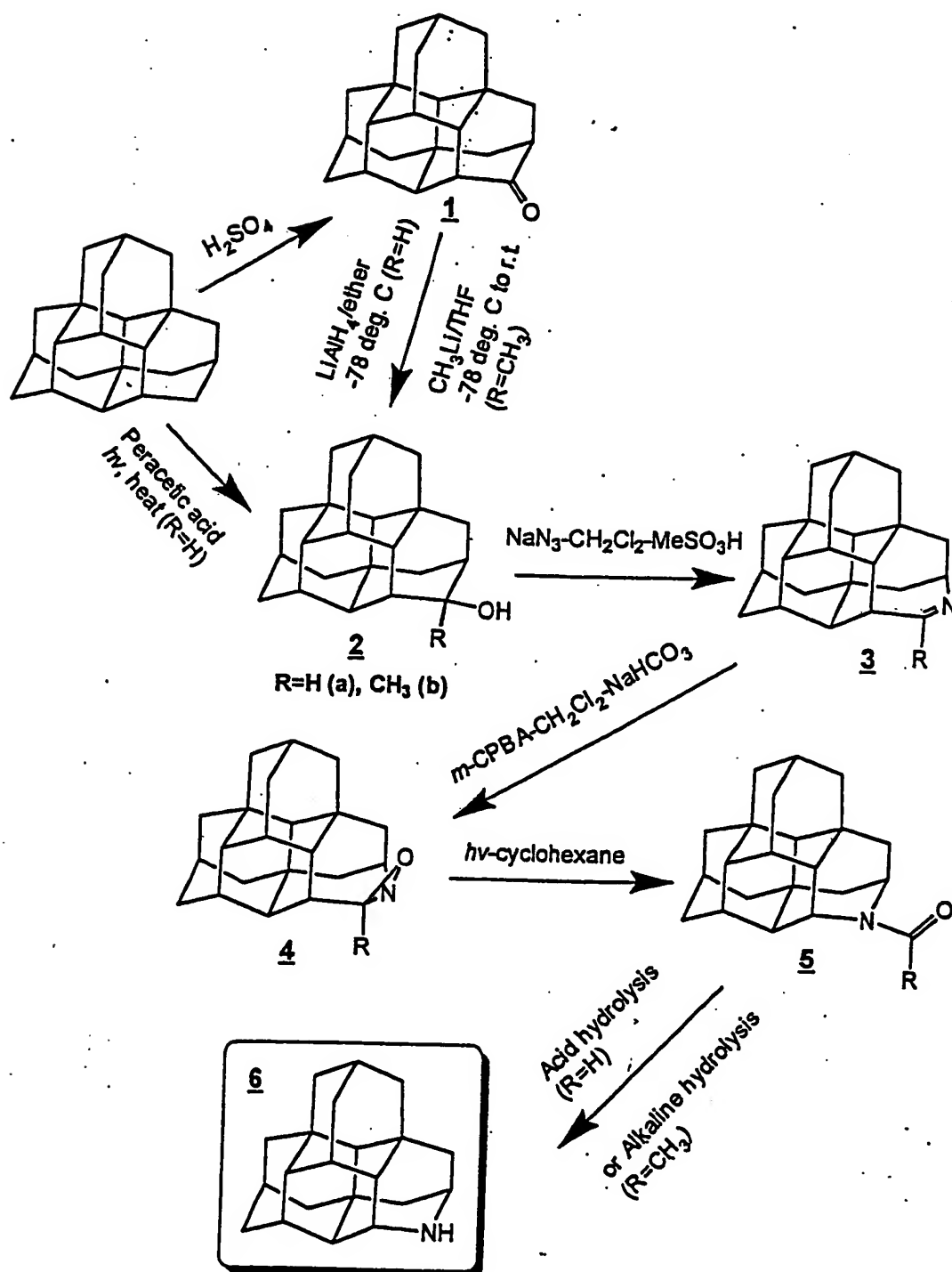


FIG. 5B

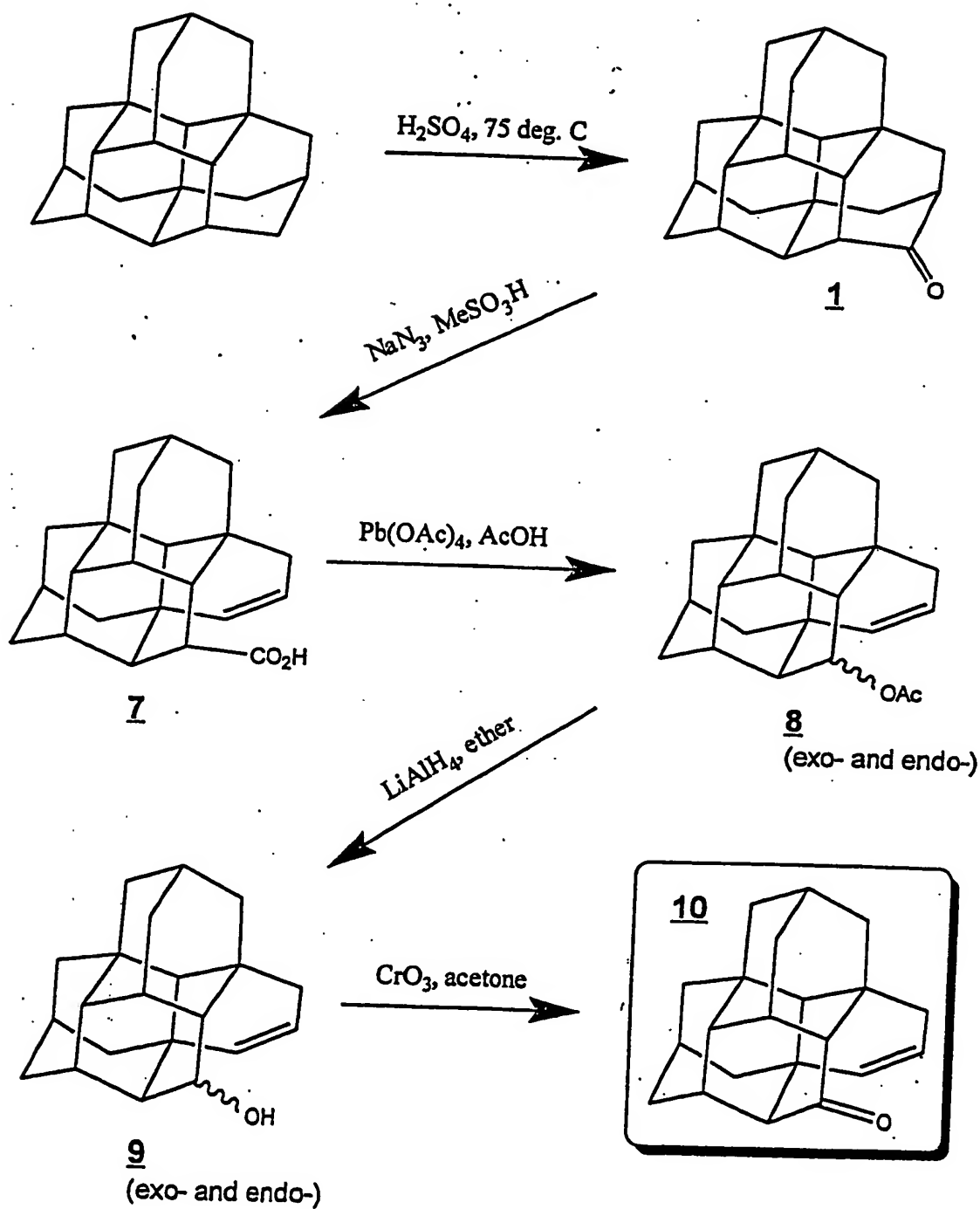
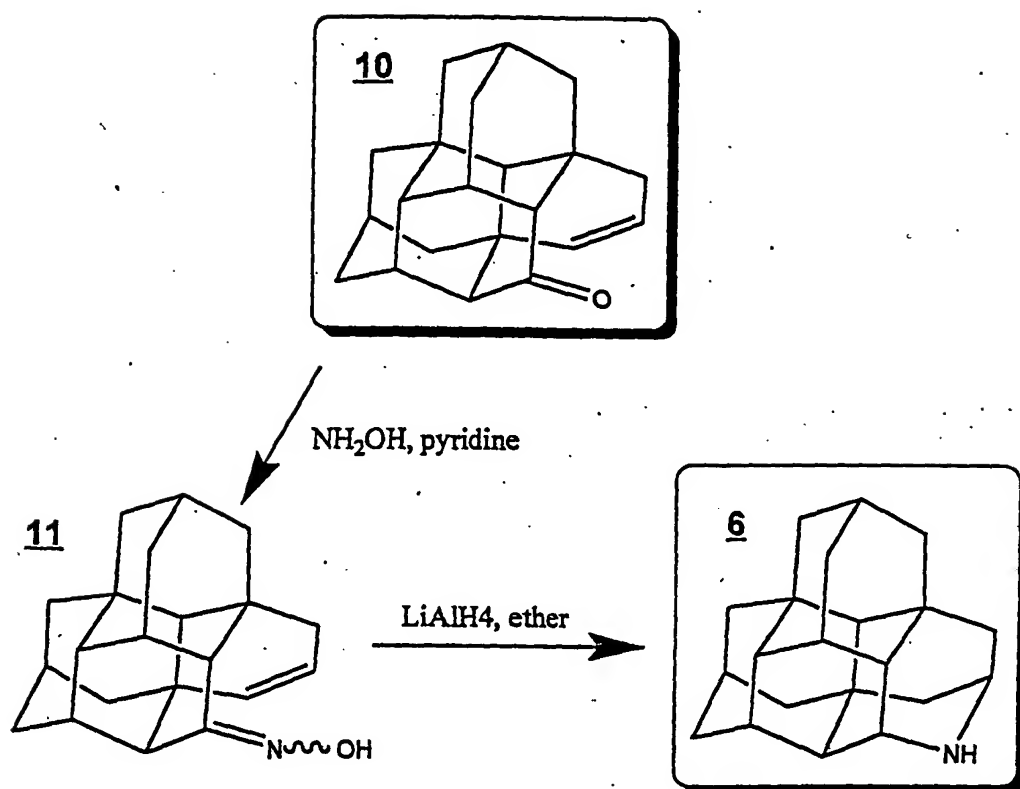


FIG. 5B (Cont.)



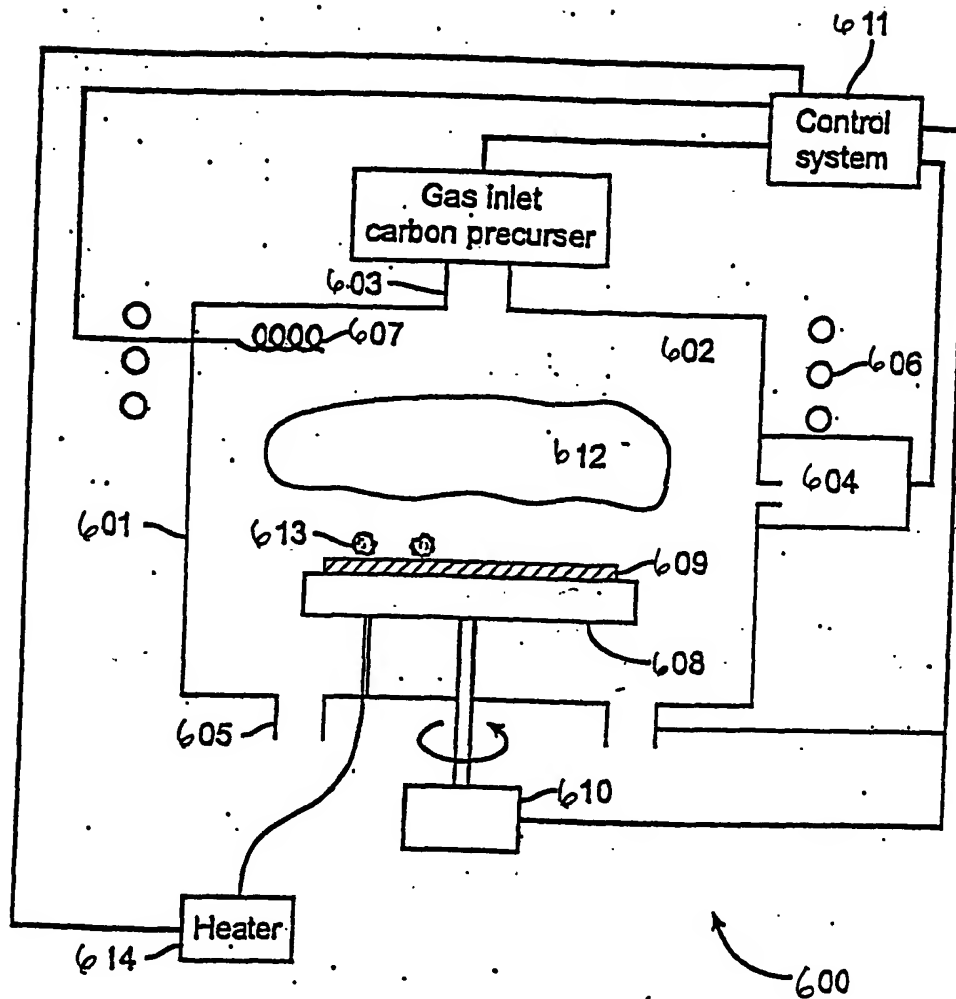
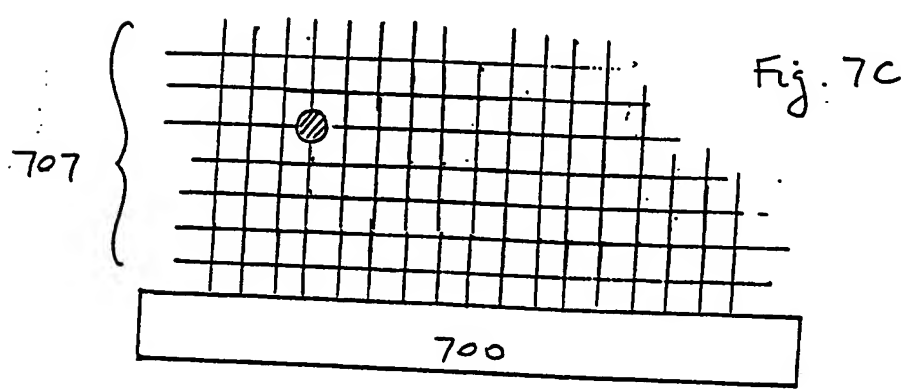
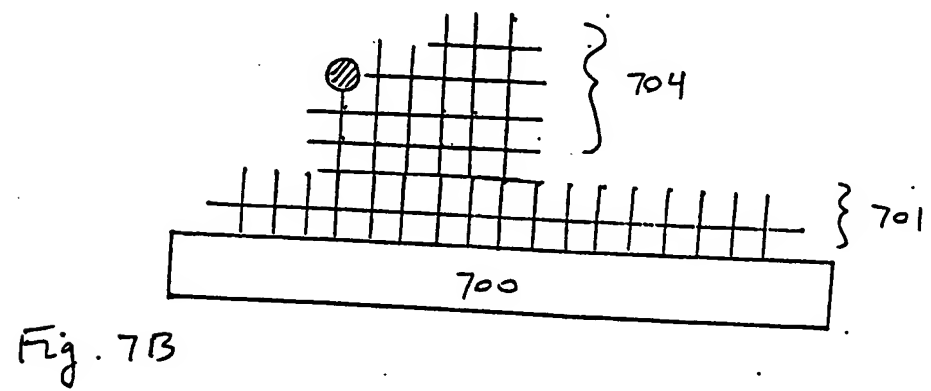
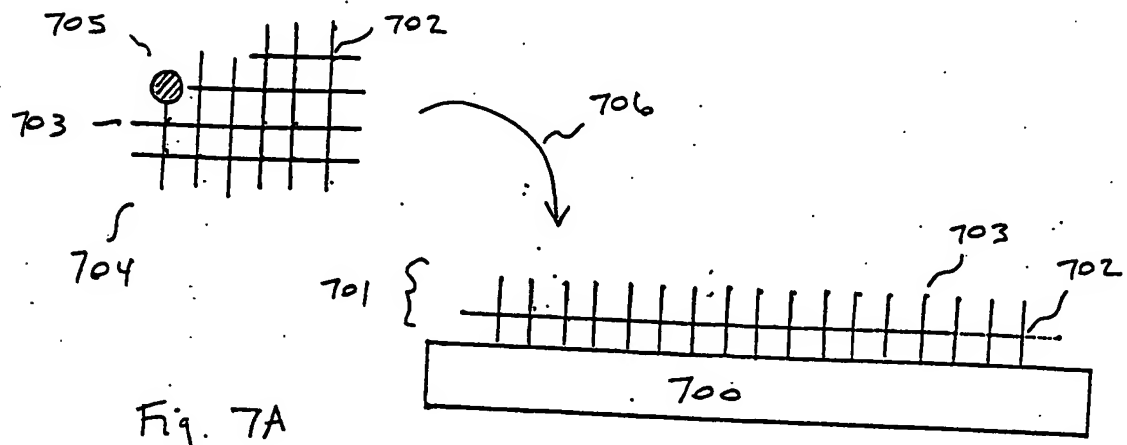


FIG. 6



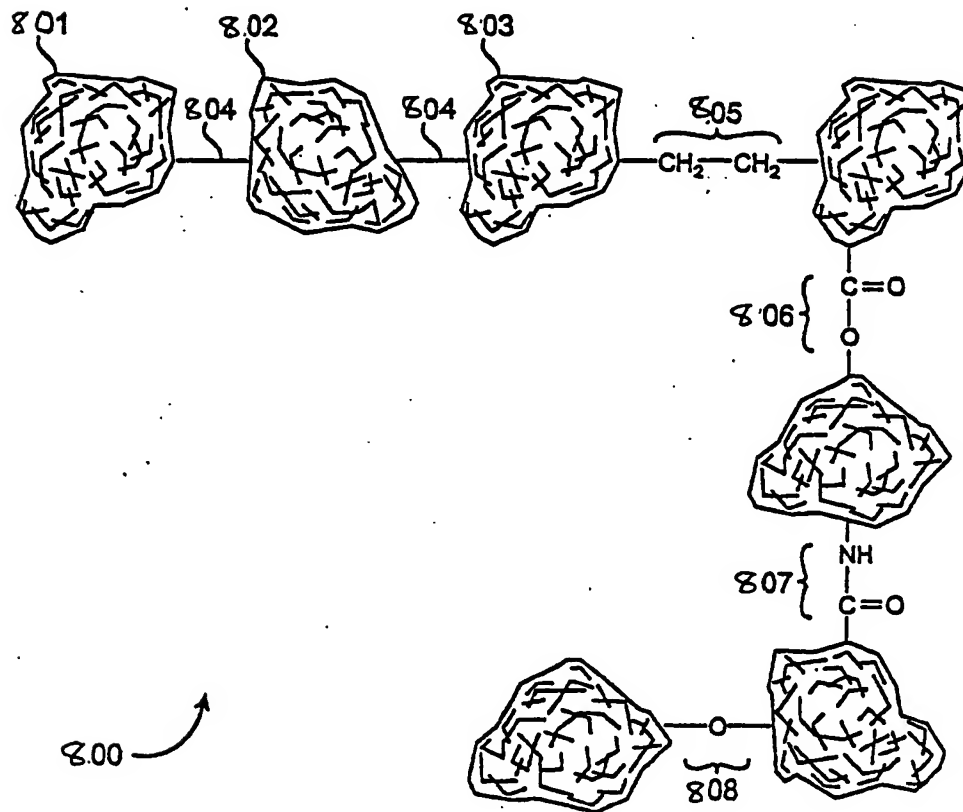


FIG. 8A

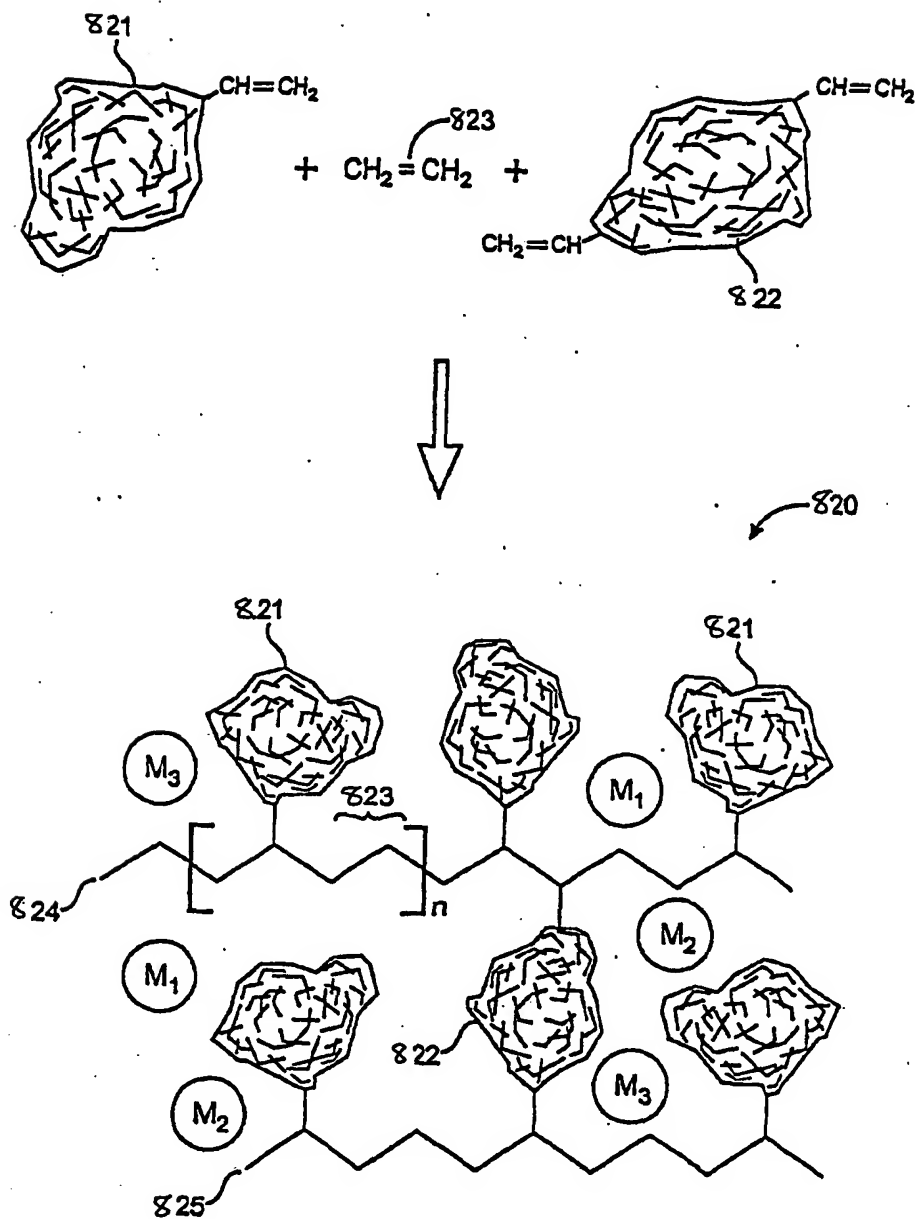


FIG. 8B

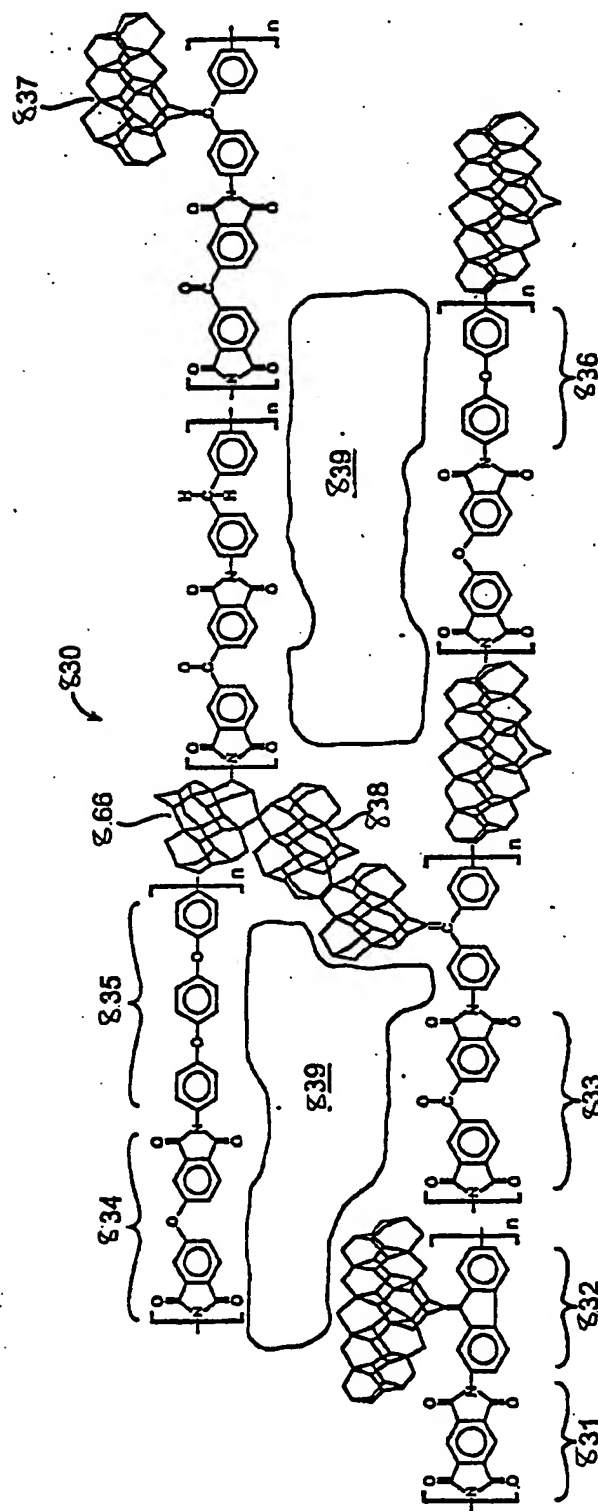
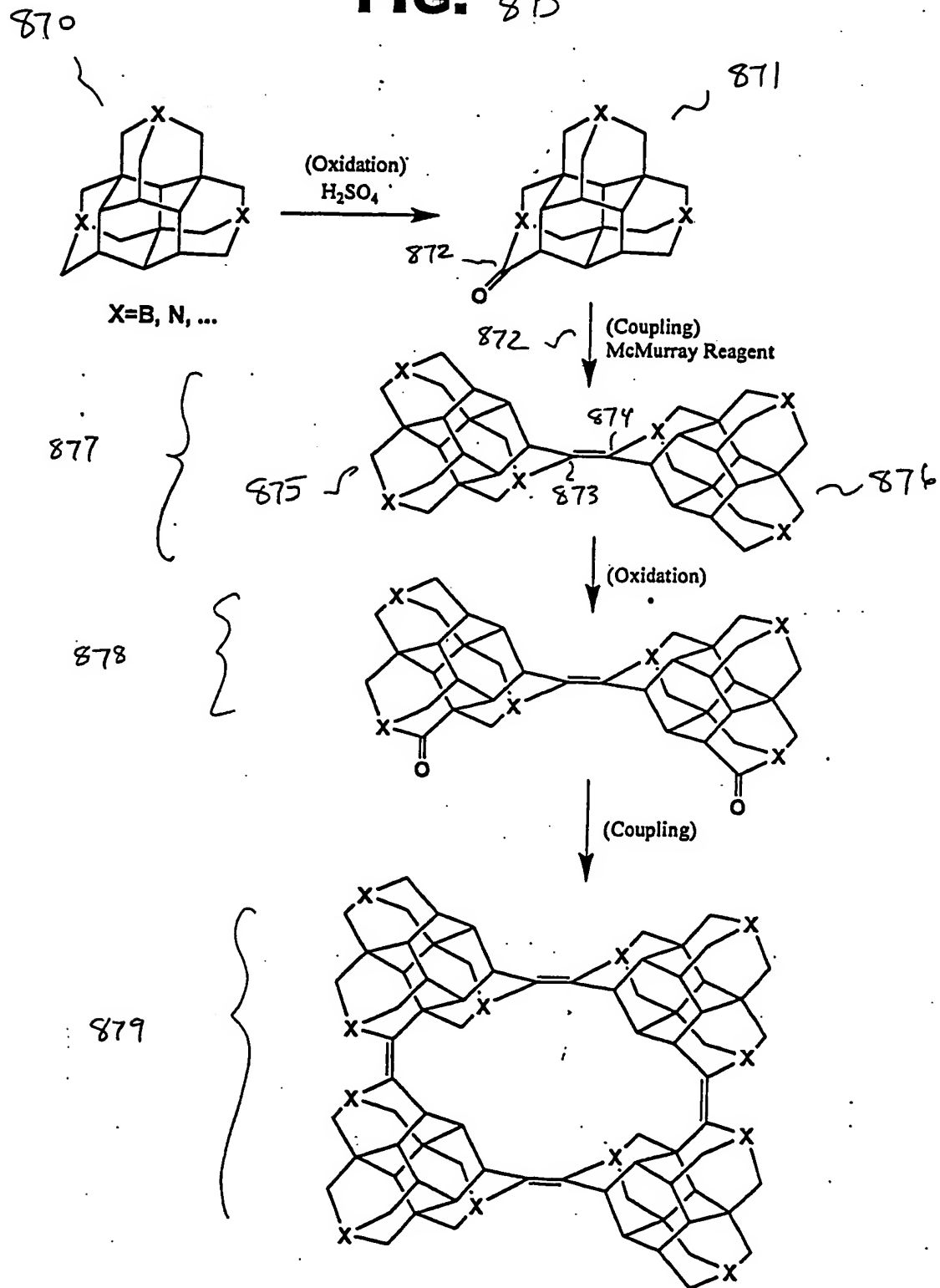


FIG. 8C

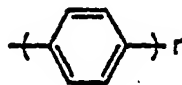
FIG. 8D





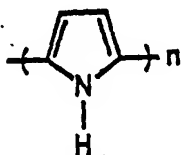
POLYACETYLENE

FIG. 9 A



POLYPARAPHEMYLENE

FIG. 9 B



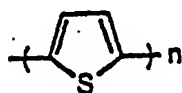
POLYPYRROLE

FIG. 9 C



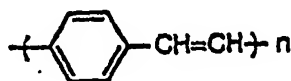
POLYPARAPHEMYLENE
SULPHIDE

FIG. 9 D



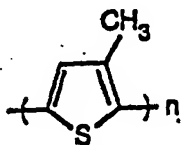
POLYTHIOPHENE

FIG. 9 E



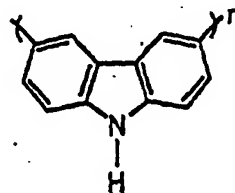
POLYPARAPHEMYLENE
VINYLENE

FIG. 9 F



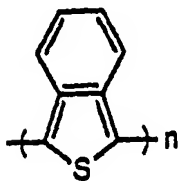
POLY-3 METHYL
THIOPHENE

FIG. 9 G



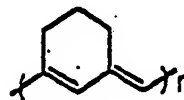
POLYCARBAZOLE

FIG. 9 H



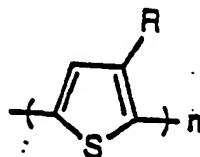
POLYISOTHIANAPHENE

FIG. 9 I



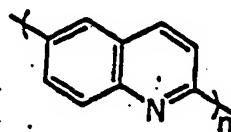
POLY(1,6-HEPTADIYNE)

FIG. 9 J



POLY-3 ALKYLTHIOPHENE

FIG. 9 K



POLYQUINOLINE

FIG. 9 L

POLY-3 ALKYL SULFONATE

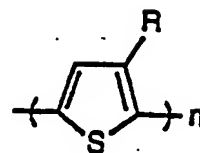
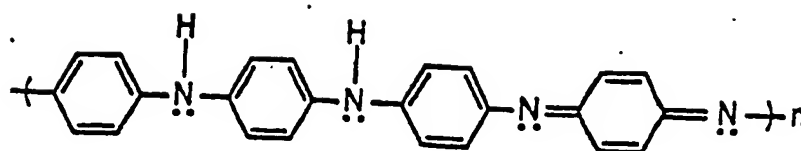


FIG. 9 M



POLYANILINE

FIG. 9 N

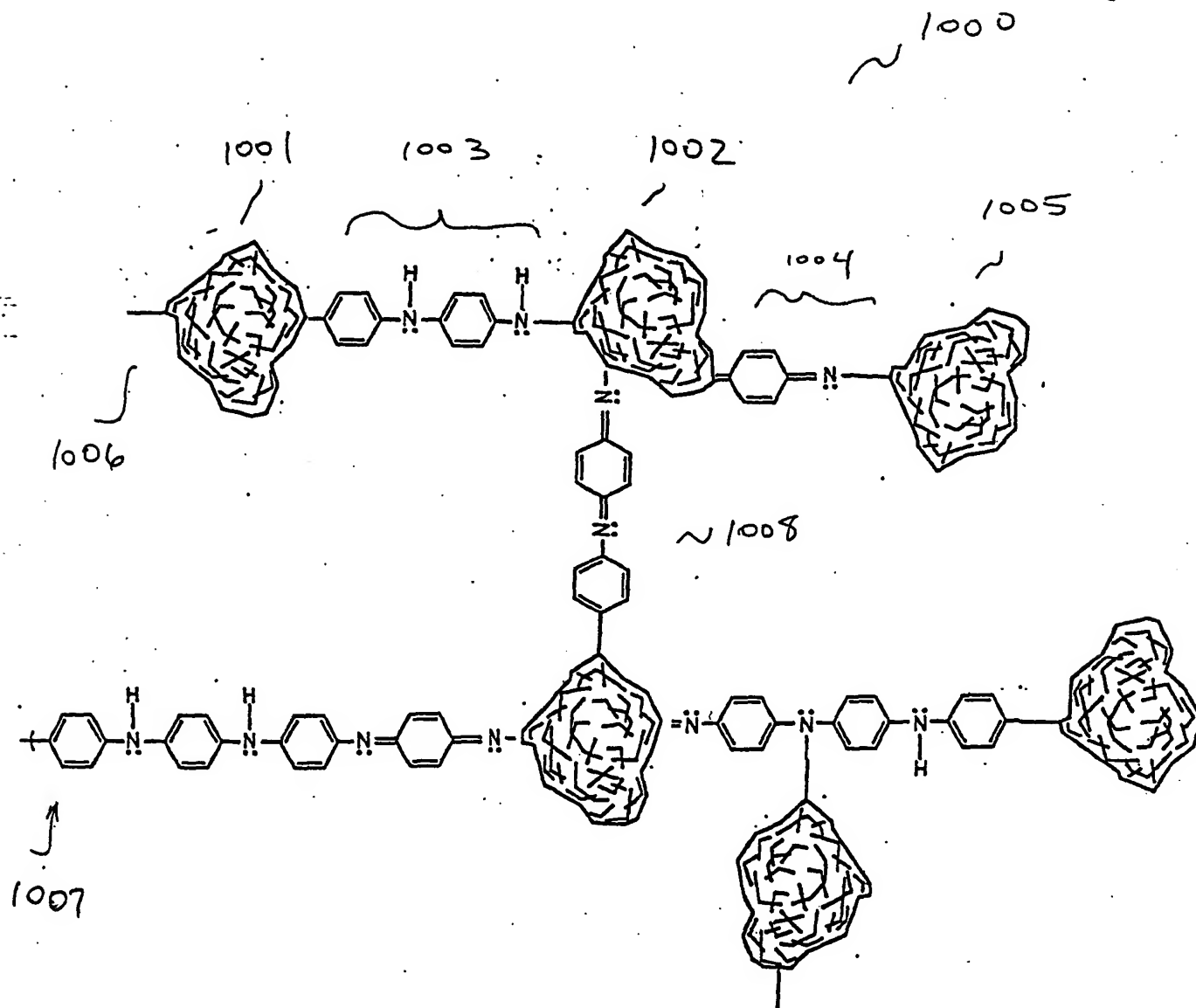


Fig. 10

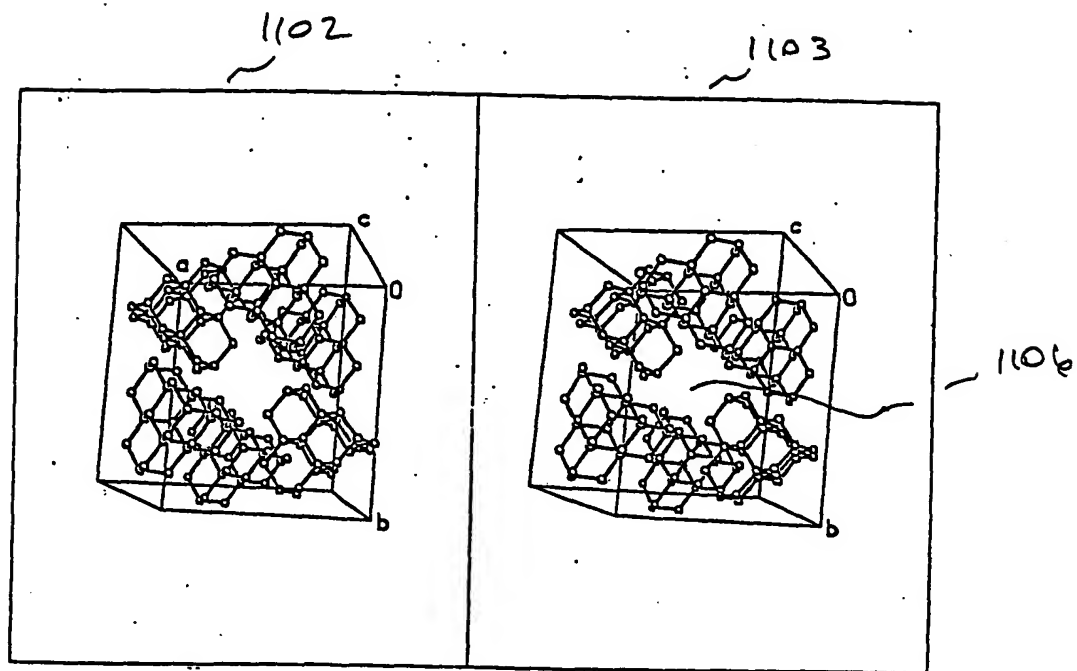
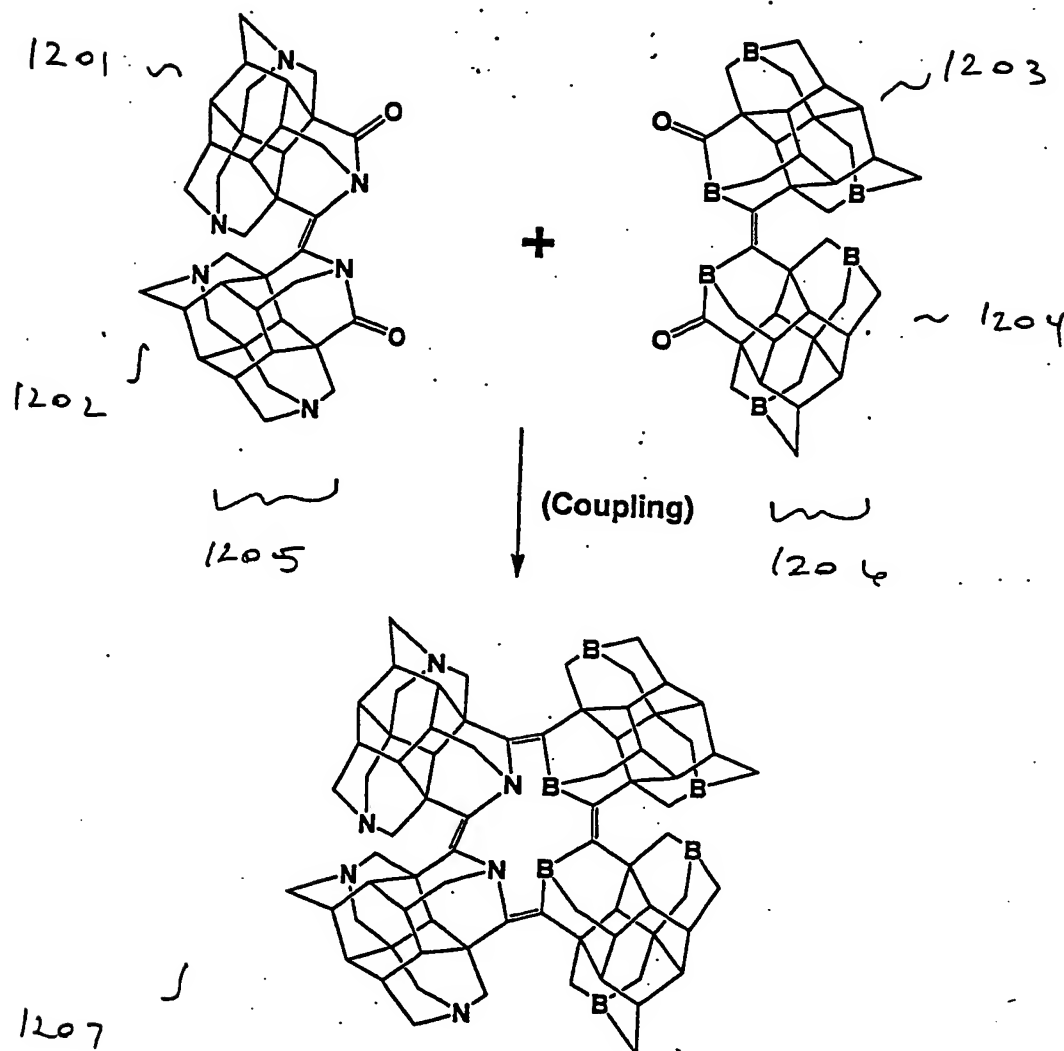


Fig. 11

FIG. 12



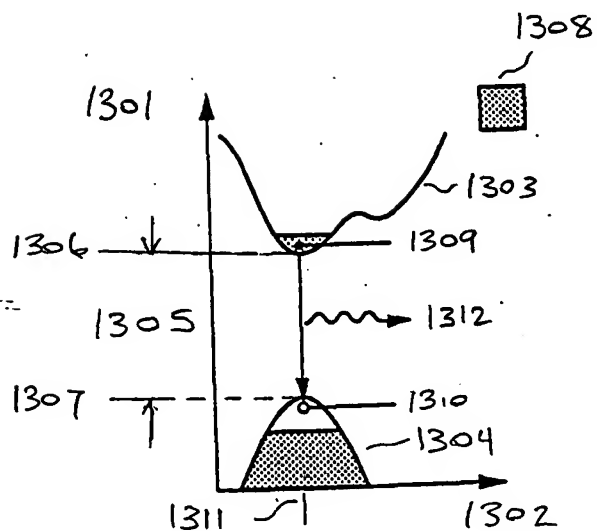


FIG. 13 A

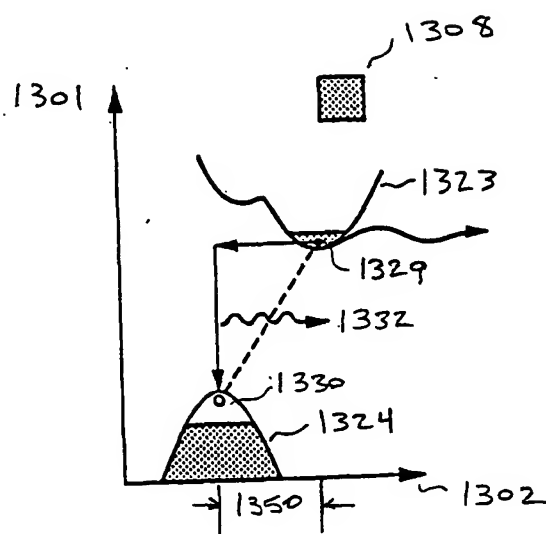


FIG. 13 B

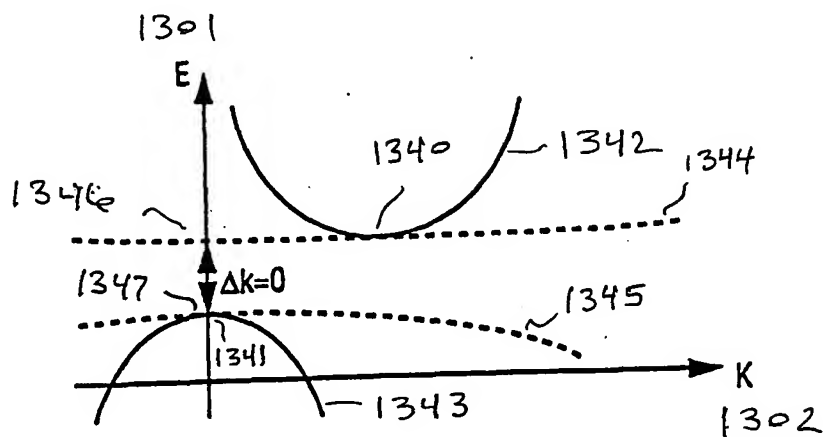


FIG. 13 C

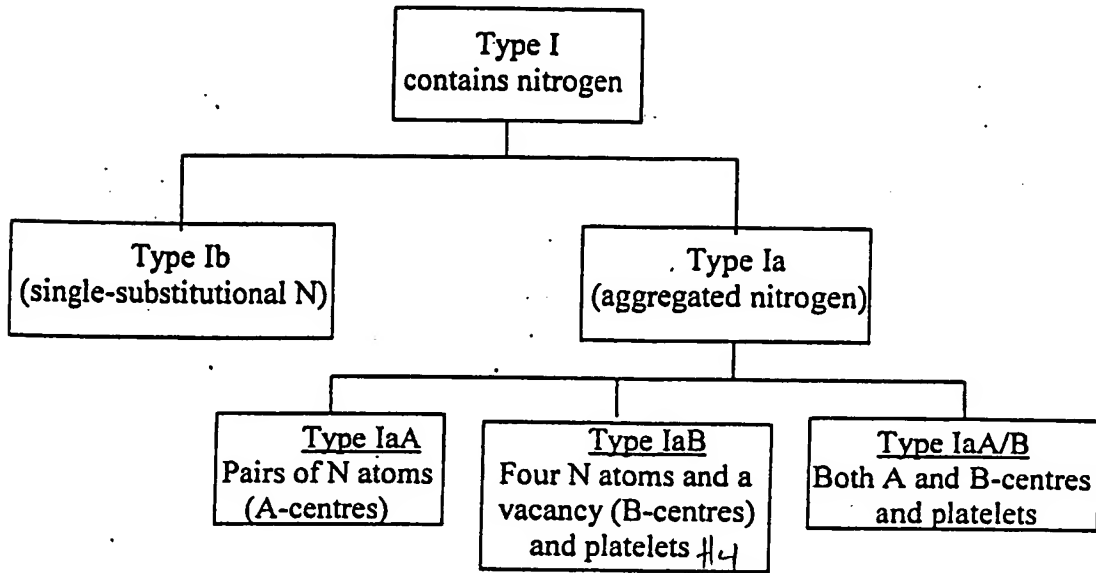


Fig. 14A

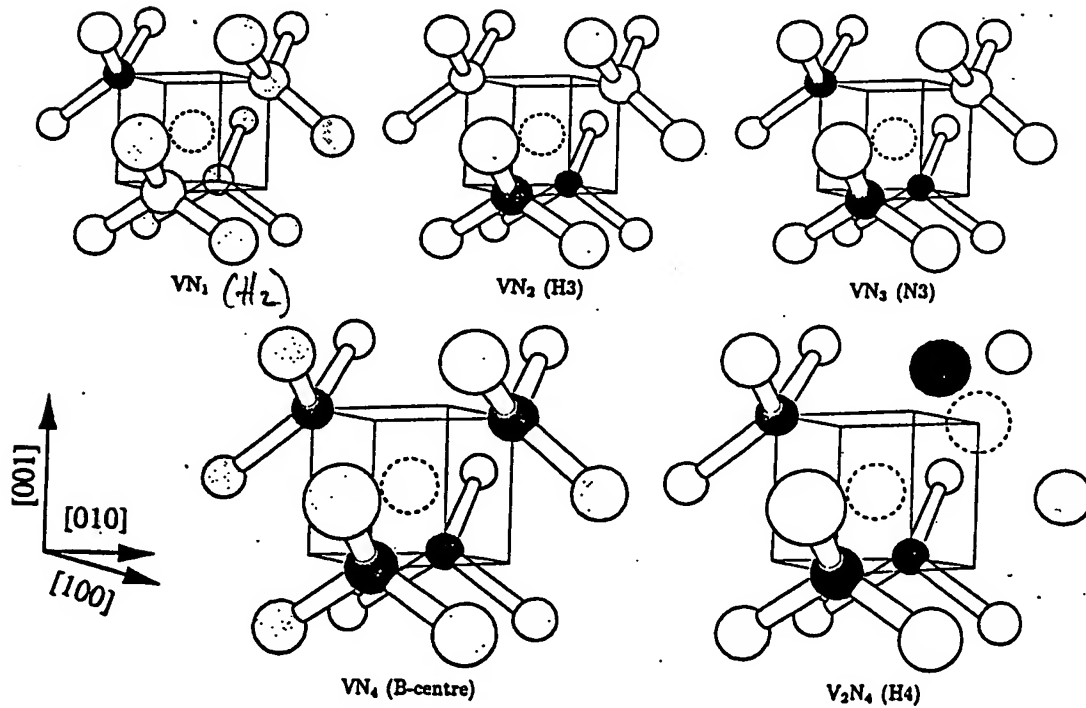


Fig. 14B

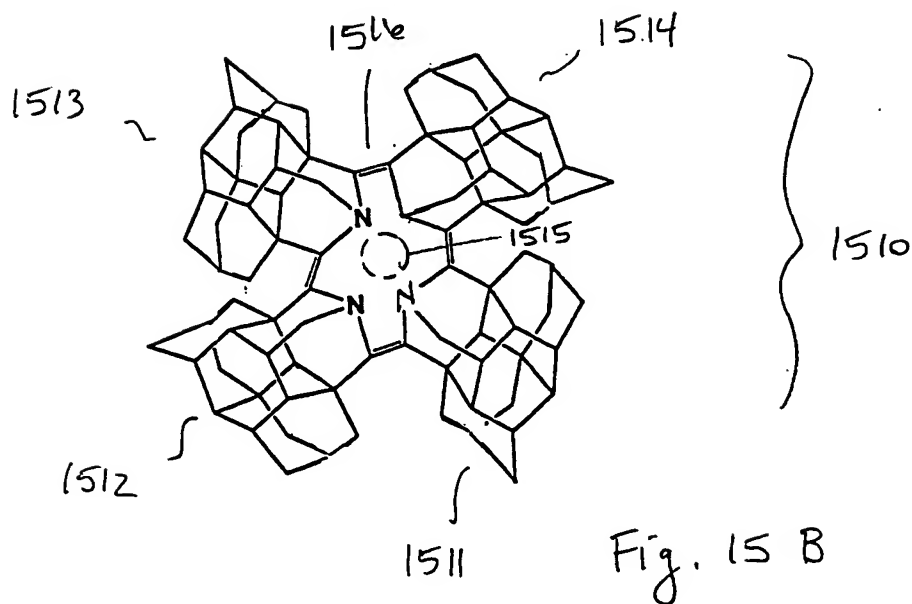
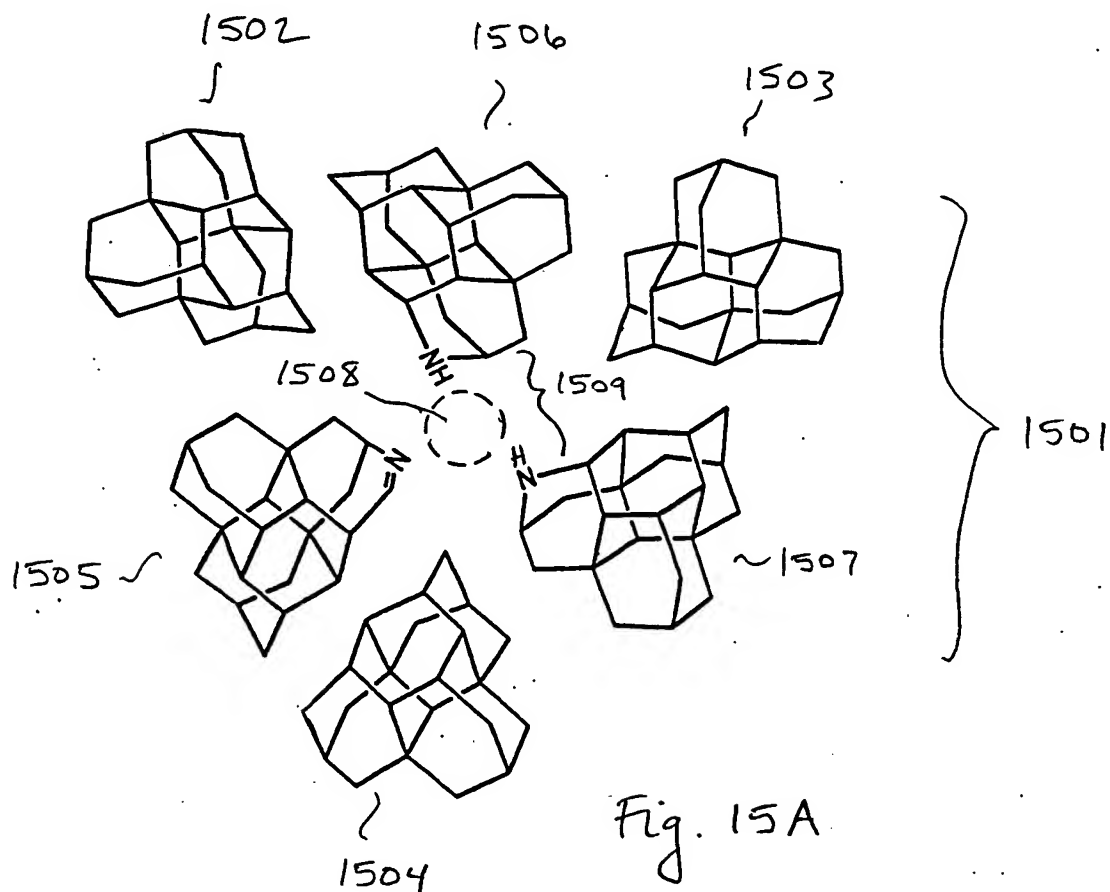
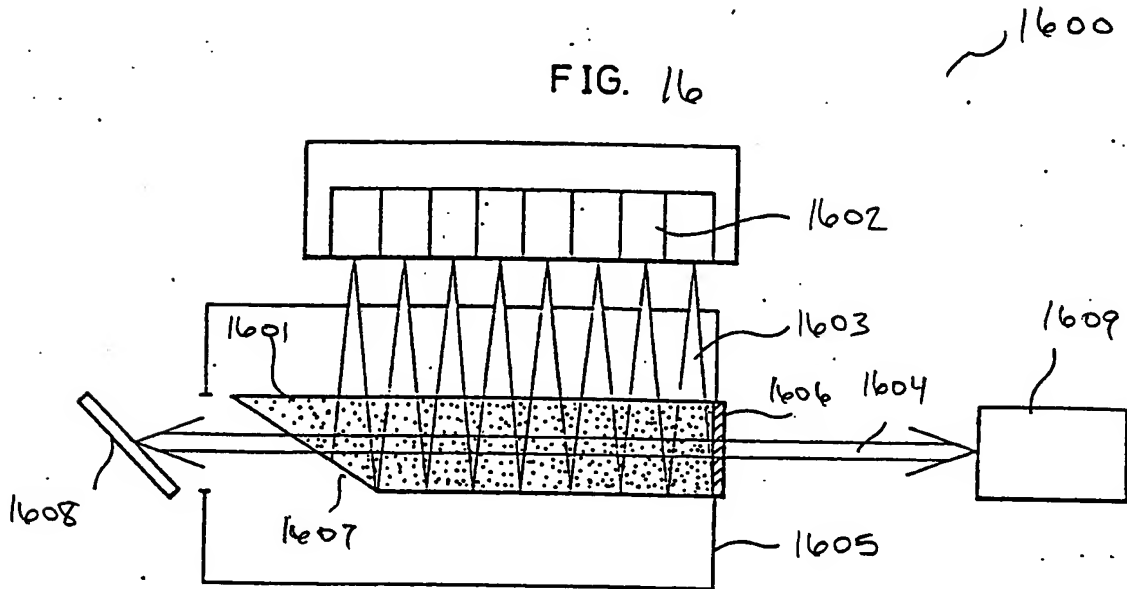
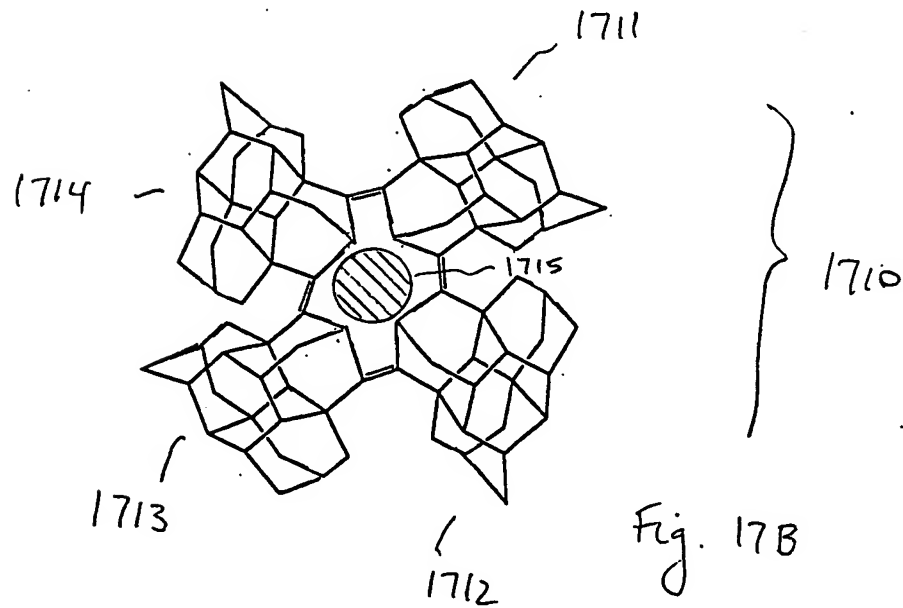
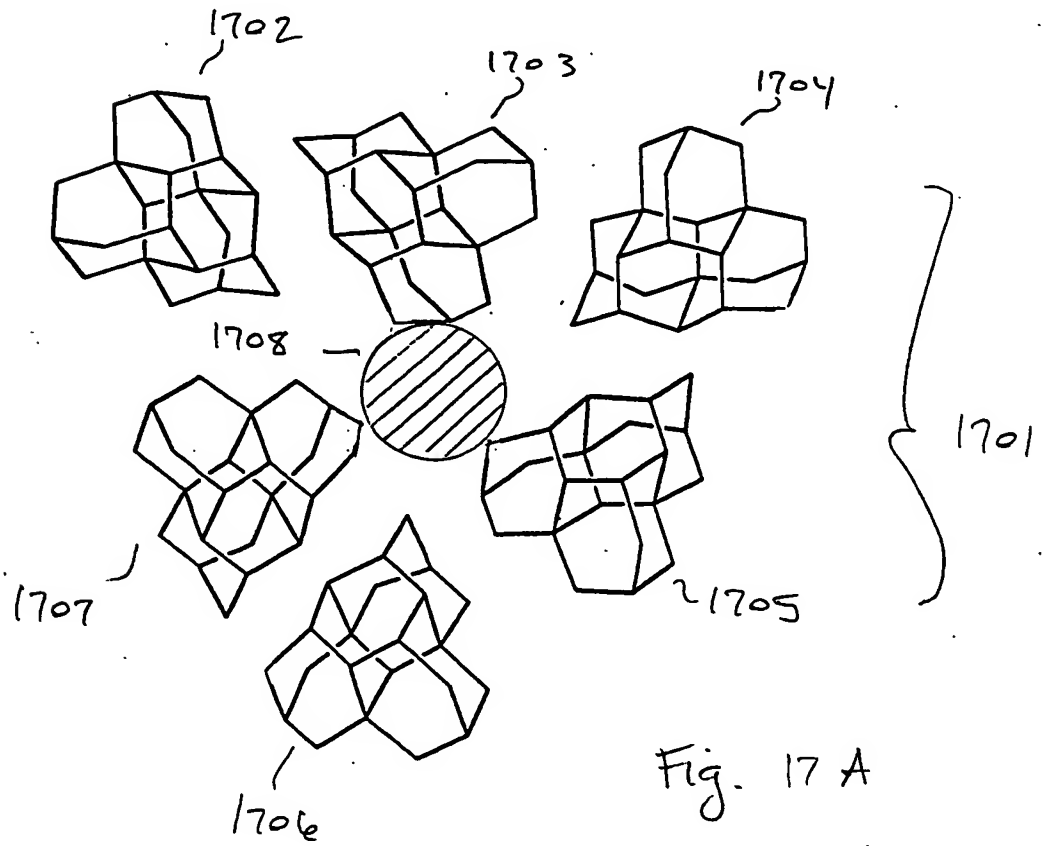


FIG. 16





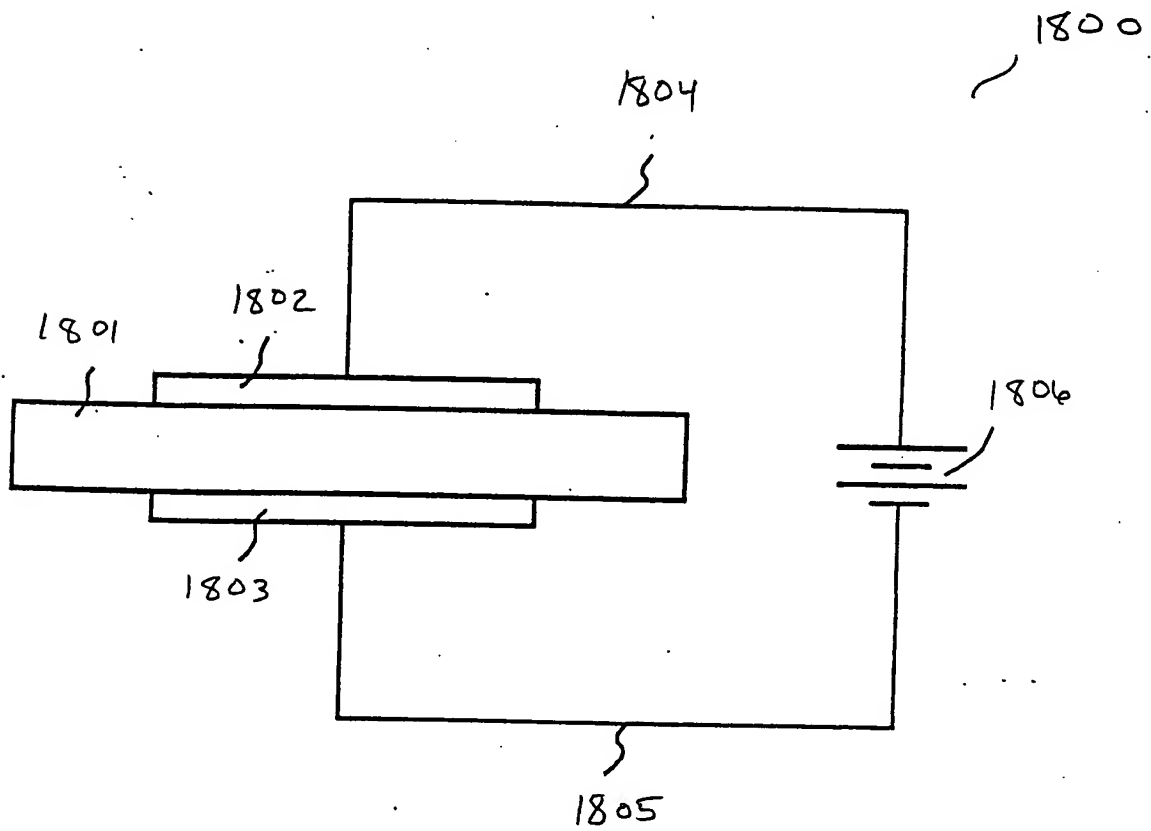


Fig. 18

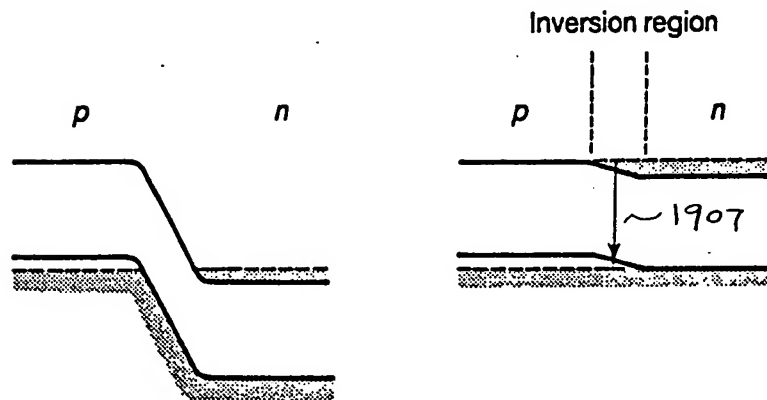
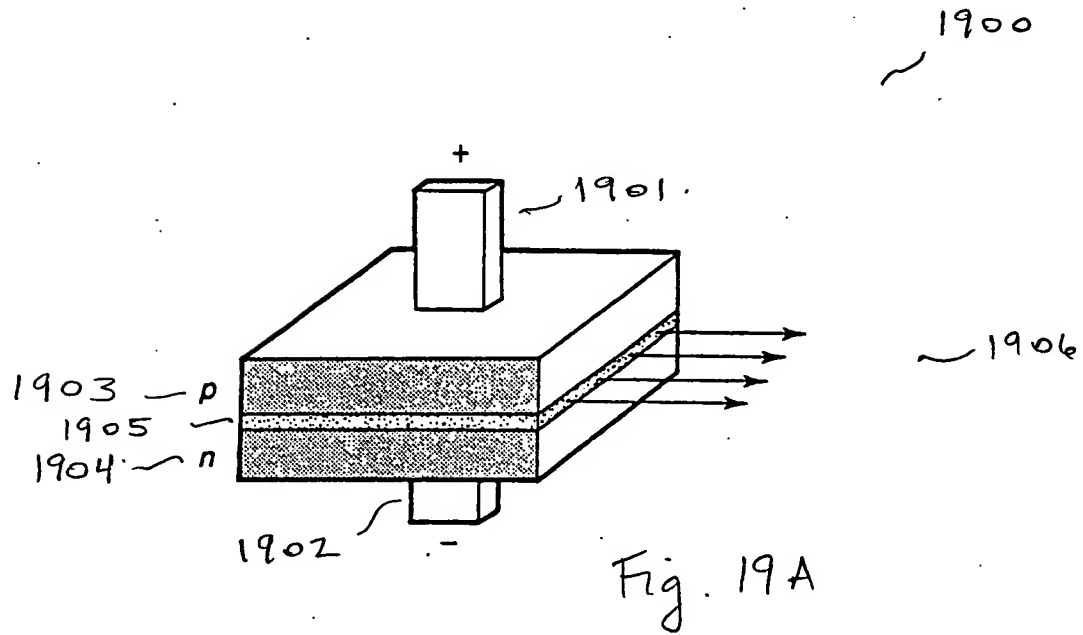


Fig. 19B

Fig. 19C

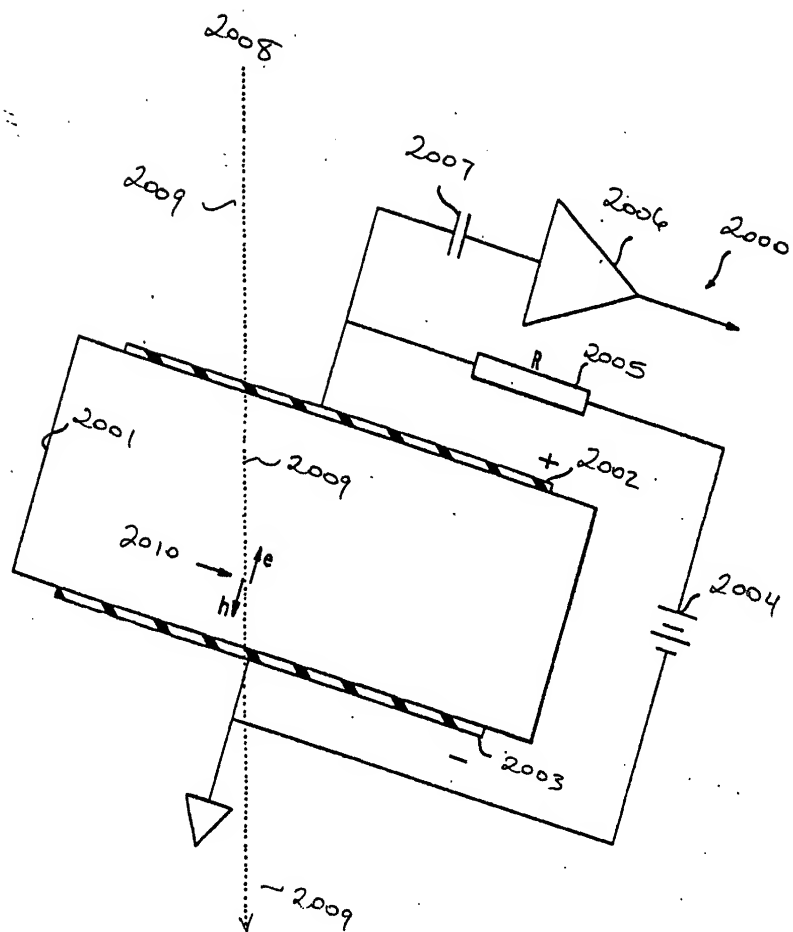


Fig. 20A

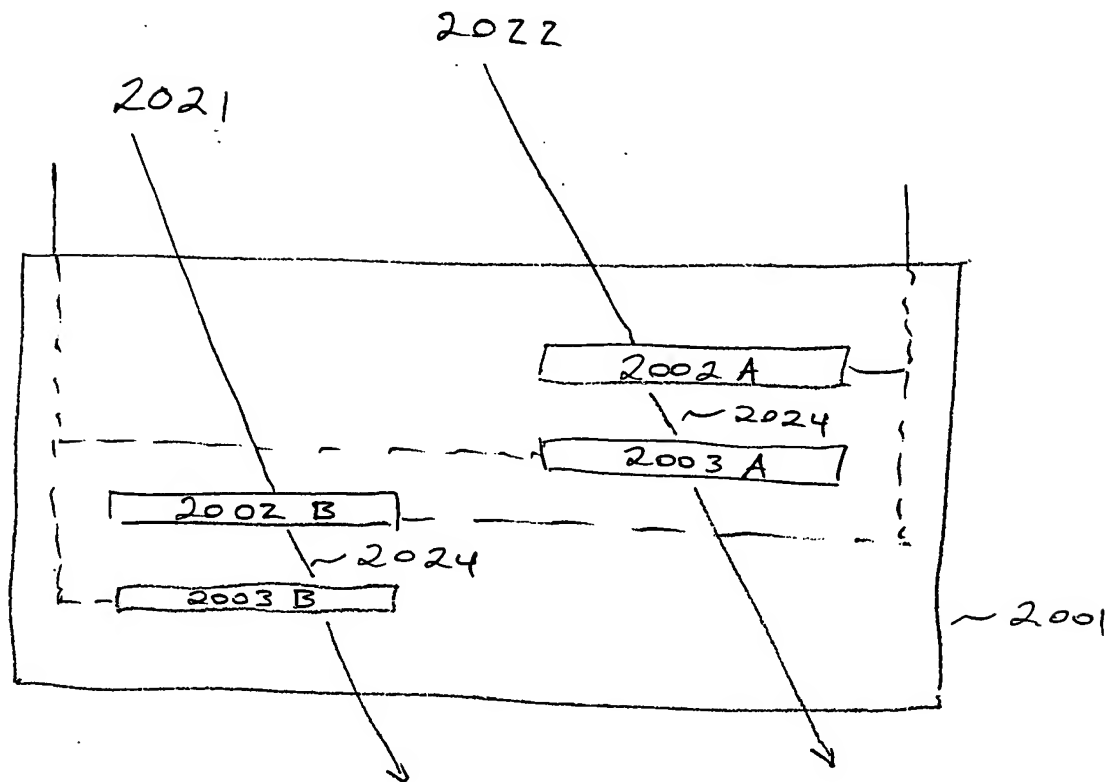


Fig. 20B

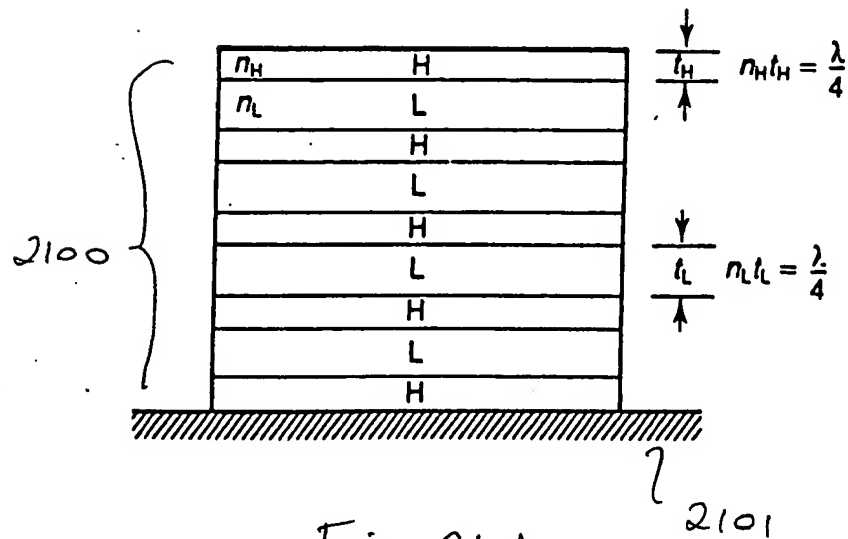


Fig. 21 A

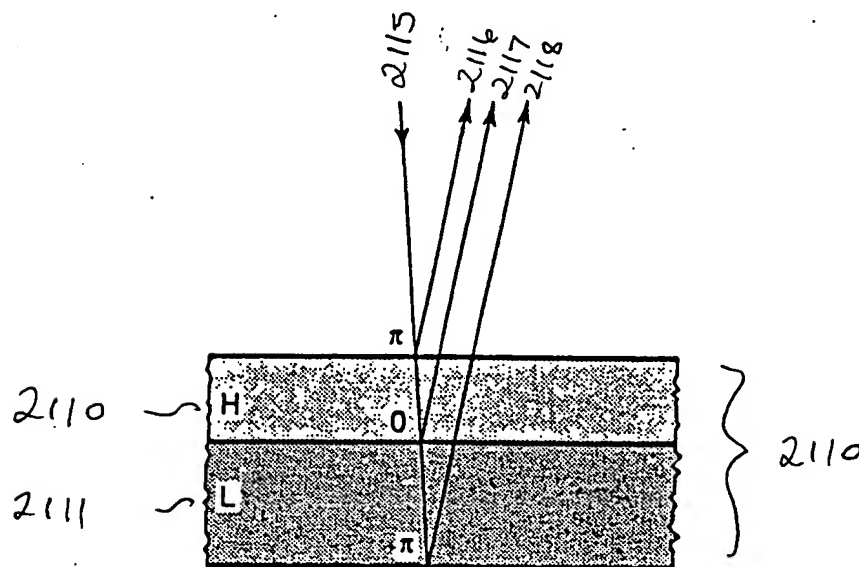


Fig. 21 B